

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049876.D
 Acq On : 25 Jul 2022 18:54
 Operator : SY/MD
 Sample : N3870-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ19

Quant Time: Jul 26 05:36:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

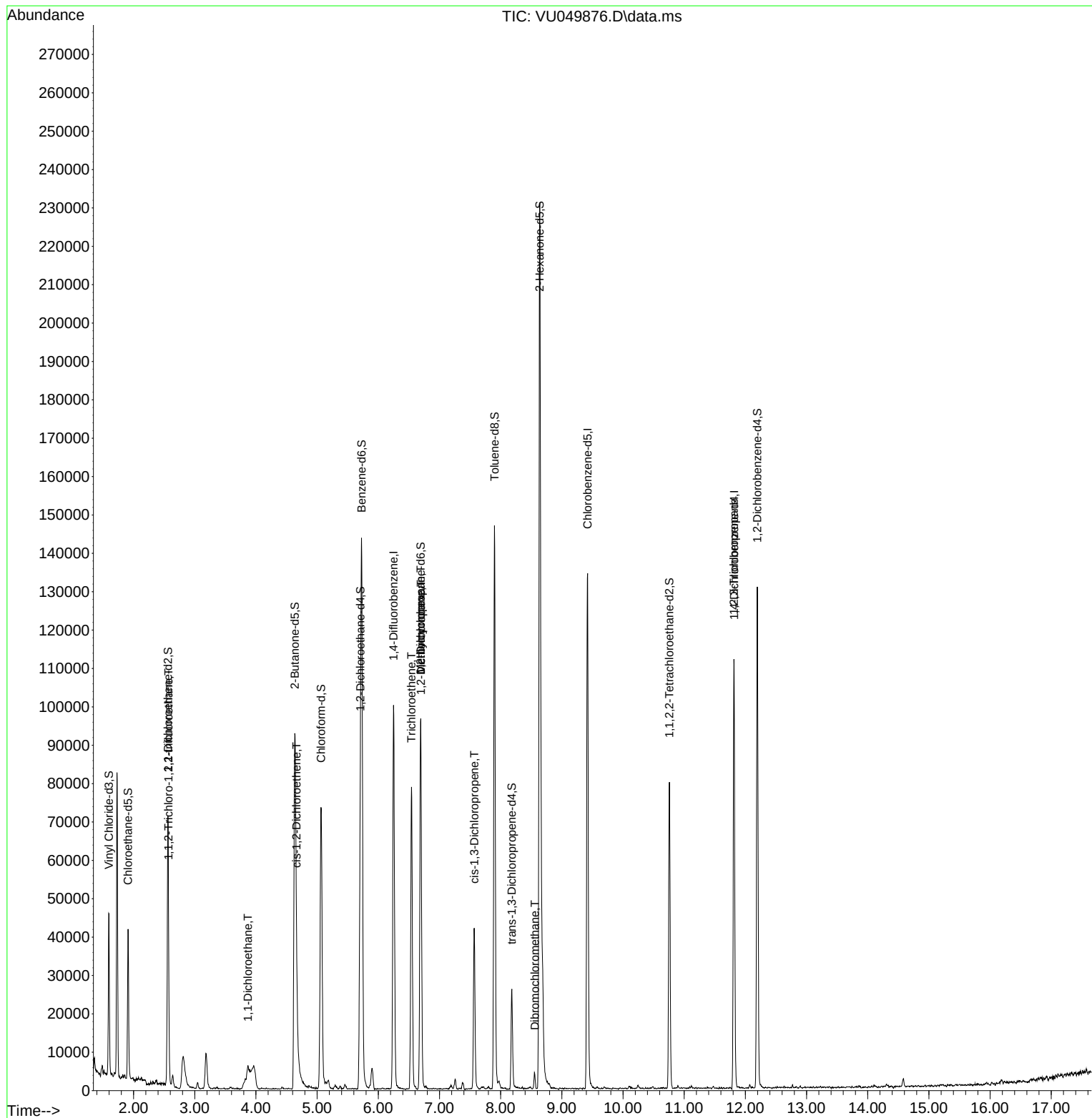
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	76847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	73322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	29287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29066	4.672	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.909	69	25623	4.921	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.562	65	13414	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5	4.636	46	135353	60.466	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.940%	
24) Chloroform-d	5.063	84	69481	5.014	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.706	65	41211	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.729	84	122588	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.694	67	45512	5.273	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.400%	
41) Toluene-d8	7.899	98	95900	4.391	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14902	4.755	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.636	63	68732	55.348	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.700%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40248	5.553	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33840	5.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	778	0.155	ug/L #	65
19) 1,1-Dichloroethane	3.867	63	3226	0.254	ug/L #	95
22) cis-1,2-Dichloroethene	4.661	96	415	0.061	ug/L #	39
34) Trichloroethene	6.542	95	26381	4.089	ug/L	97
35) Methylcyclohexane	6.694	83	10344	1.300	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4463	0.589	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1420	0.142	ug/L	84
49) Dibromochloromethane	8.558	129	756	0.125	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4153	1.064	ug/L #	68

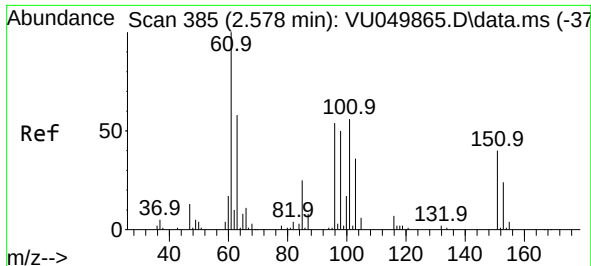
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.155 ug/L

RT: 2.571 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU049876.D

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Instrument :

MSVOA_U

ClientSampleId :

GBJ19

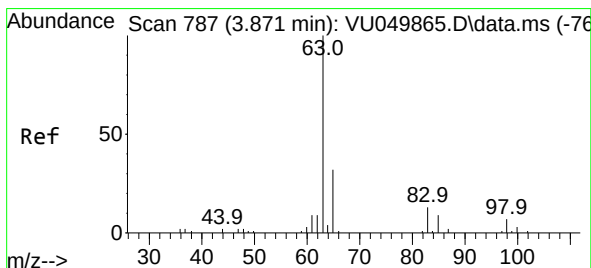
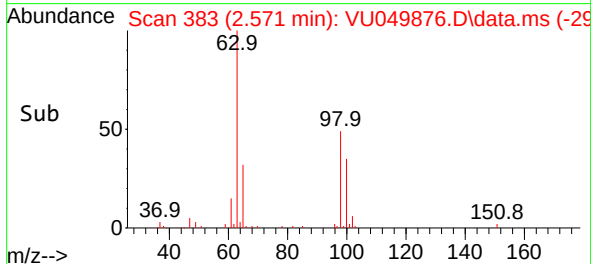
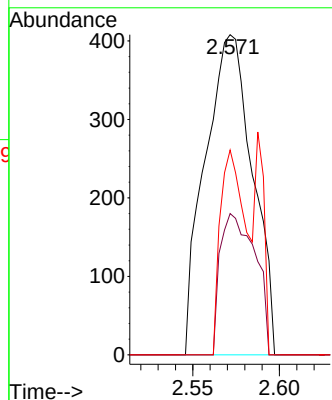
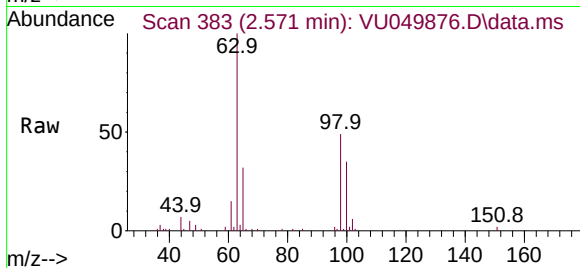
Tgt Ion:101 Resp: 778

Ion Ratio Lower Upper

101 100

85 32.5 37.2 55.8#

151 34.2 56.0 84.0#



#19

1,1-Dichloroethane

Concen: 0.254 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU049876.D

Acq: 25 Jul 2022 18:54

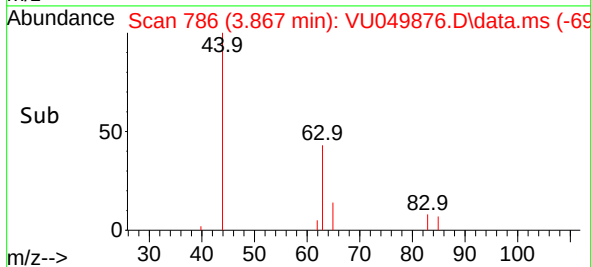
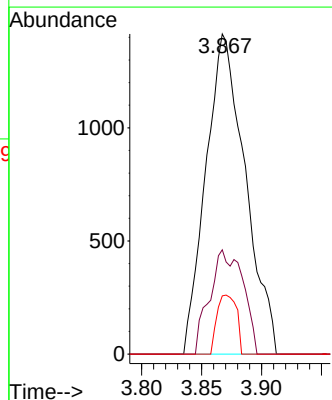
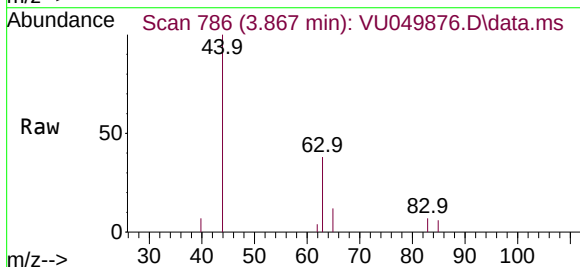
Tgt Ion: 63 Resp: 3226

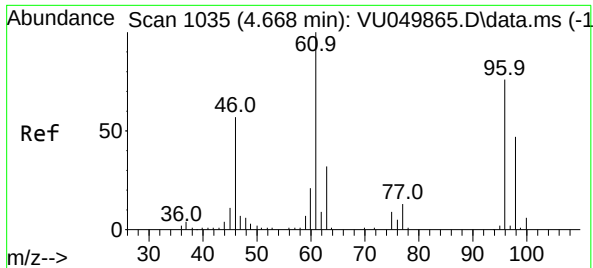
Ion Ratio Lower Upper

63 100

65 32.6 22.5 41.9

83 18.2 8.3 15.5#





#22

cis-1,2-Dichloroethene

Concen: 0.061 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.007 min

Lab File: VU049876.D

Acq: 25 Jul 2022 18:54

Instrument :

MSVOA_U

ClientSampleId :

GBJ19

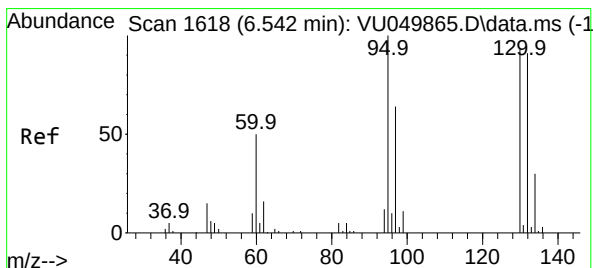
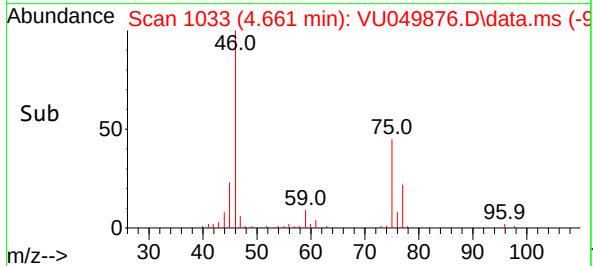
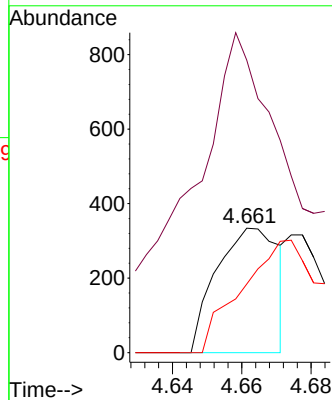
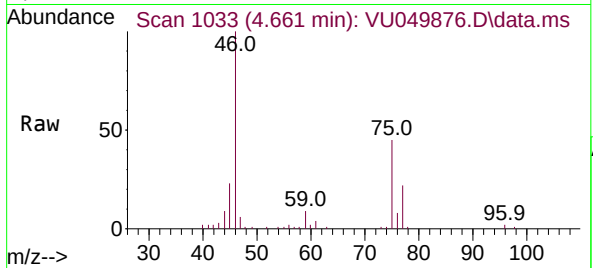
Tgt Ion: 96 Resp: 415

Ion Ratio Lower Upper

96 100

61 235.0 93.9 174.3#

98 55.1 43.9 81.5



#34

Trichloroethene

Concen: 4.089 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049876.D

Acq: 25 Jul 2022 18:54

Tgt Ion: 95 Resp: 26381

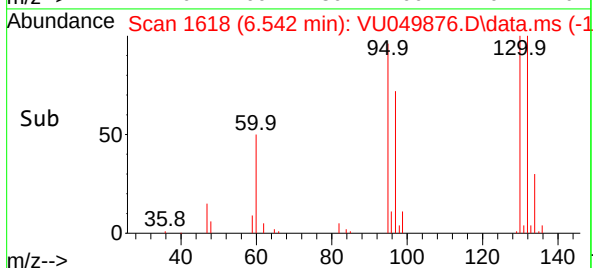
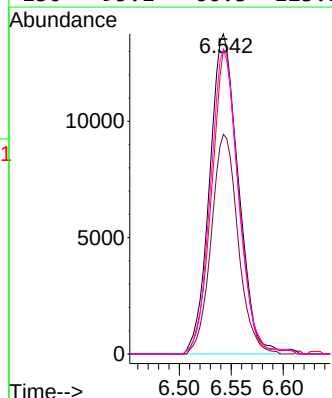
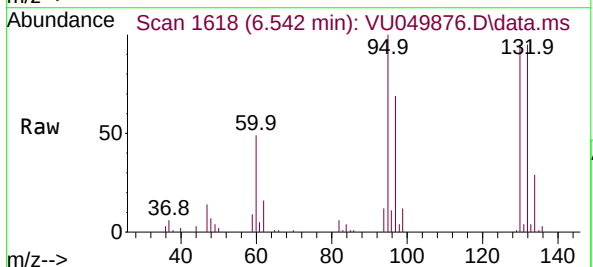
Ion Ratio Lower Upper

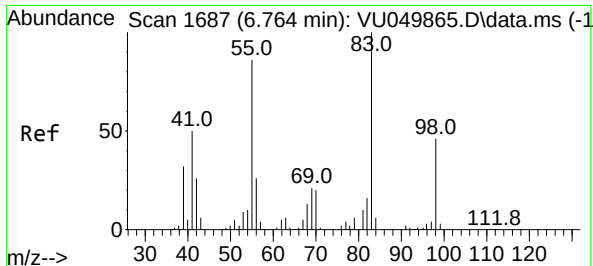
95 100

97 68.6 46.8 86.8

132 95.2 61.8 114.8

130 95.1 66.3 123.1

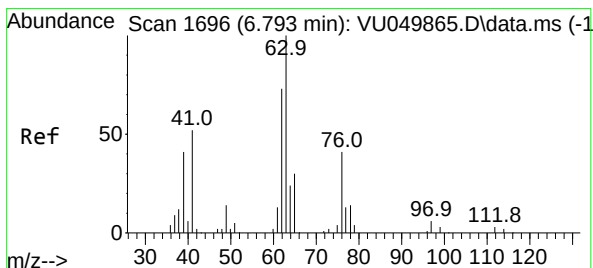
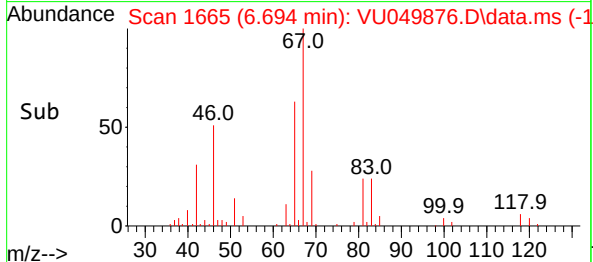
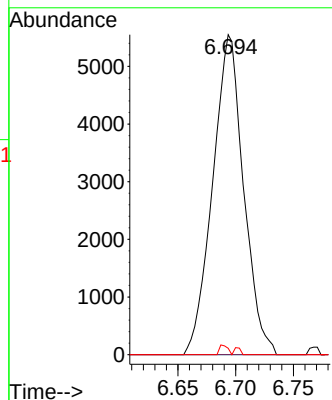
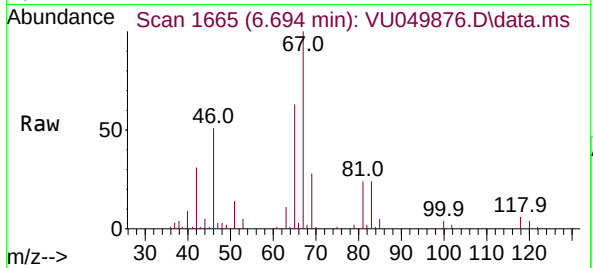




#35
Methylcyclohexane
Concen: 1.300 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049876.D
Acq: 25 Jul 2022 18:54

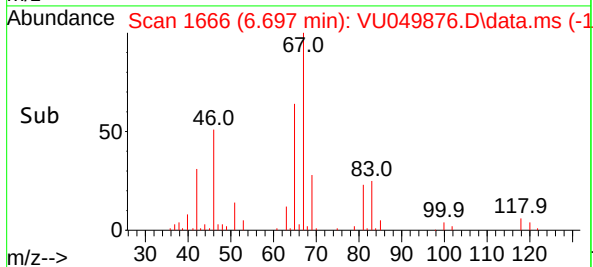
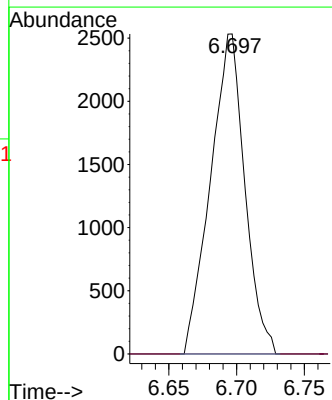
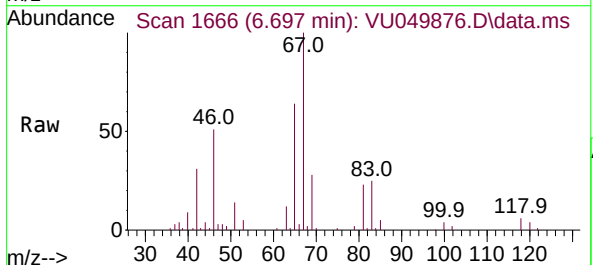
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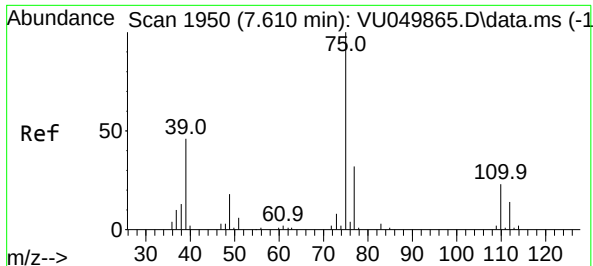
Tgt Ion: 83 Resp: 10344
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.8 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU049876.D
Acq: 25 Jul 2022 18:54

Tgt Ion: 63 Resp: 4463
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049876.D

Acq: 25 Jul 2022 18:54

Instrument :

MSVOA_U

ClientSampleId :

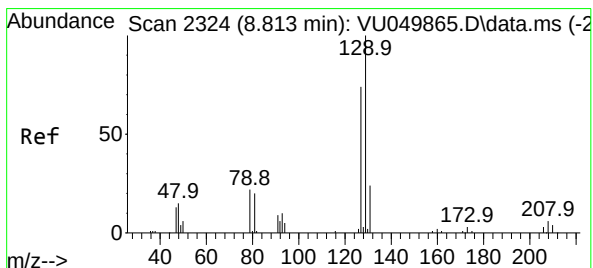
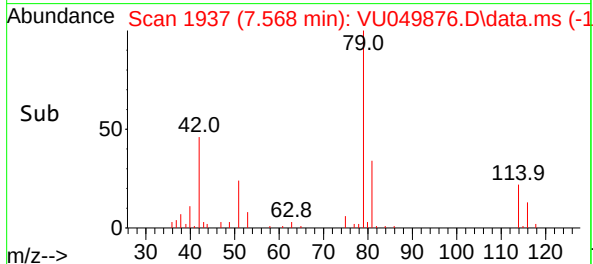
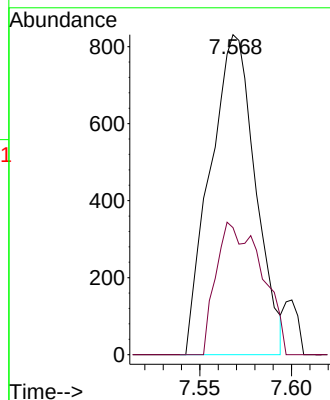
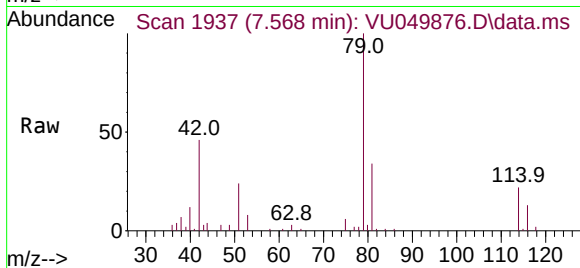
GBJ19

Tgt Ion: 75 Resp: 1420

Ion Ratio Lower Upper

75 100

77 39.7 21.6 40.0



#49

Dibromochloromethane

Concen: 0.125 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU049876.D

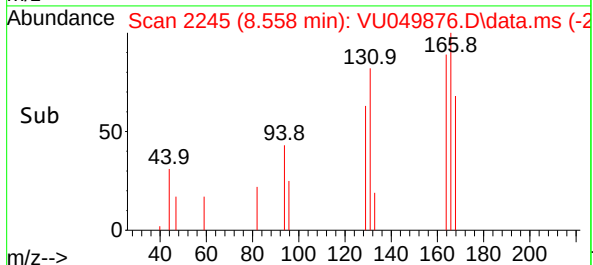
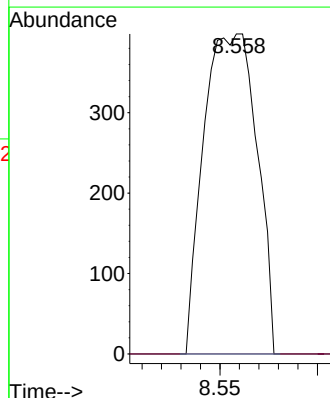
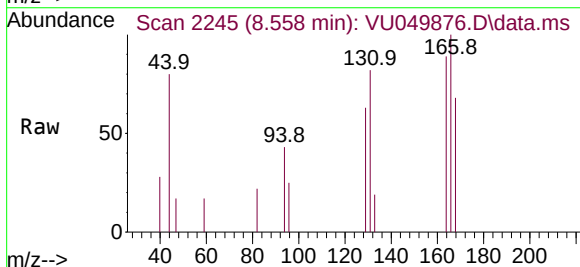
Acq: 25 Jul 2022 18:54

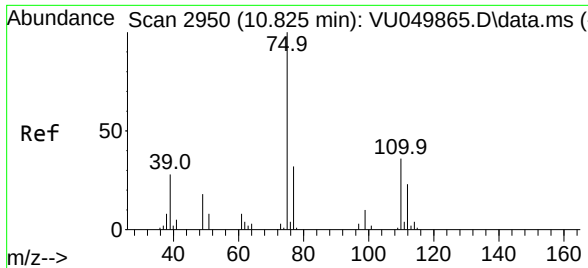
Tgt Ion: 129 Resp: 756

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.064 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049876.D
 Acq: 25 Jul 2022 18:54

Instrument :
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Tgt Ion: 75 Resp: 4153
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.0 42.0#
 77 31.5 25.4 38.2

